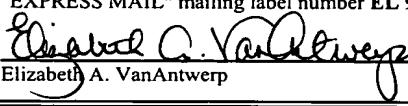


NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 21, 2003 under "EXPRESS MAIL" mailing label number EL 975170935 US.


 Elizabeth A. VanAntwerp

Transmitted herewith for filing is the patent application of:

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031088 U.S. PTO
 10/719521



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Title: ELECTRONIC PULSE GENERATION DEVICE

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

59 Page(s) of Specification
5 Page(s) of Claims
1 Page(s) of Abstract
29 Sheets of Formal Drawings (Figs. 1-29)

B. Other Papers Enclosed

A Patent Application Bibliographic Data Sheet
 A Preliminary Amendment
 A combined Declaration and Power of Attorney
 A Submission of Certified Copy of Priority Documents and certified copies of:

Country	Application Number	Filing Date
Japan	2002-348900	November 29, 2002
Japan	2002-348908	November 29, 2002
Japan	2002-348916	November 29, 2002
Japan	2003-155773	May 30, 2003

B. Other Papers Enclosed (Cont'd.)

An Information Disclosure Statement
 PTO Form-1449
 An Assignment Transmittal and Assignment of the invention to:

NGK Insulators, Ltd.
 2-56, Suda-Cho, Mizuho-Ku
 Nagoya-City, Aichi-Prefecture 467-8530
 Japan

2. The correspondence address for this application is: Customer No. 025191

Telephone: (315) 233-8300 Electronic Mail: ivanantwerp@burrandbrown.com
 Facsimile: (315) 233-8320

3. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

Applicants hereby certify that the invention disclosed in the attached application
has not and will not be the subject of an application filed in another country, or under a
 multilateral agreement, that requires publication at eighteen months after filing.

Applicants hereby request that the attached application **not** be published under
 35 U.S.C. 122(b).

4. The filing fee has been calculated as shown below:

Basic Filing fee (37 CFR §1.16(a))				\$770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	13 - 20 =	0	× \$ 18.00	
Independent Claims	1 - 3 =	0	× \$ 86.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$290.00
TOTAL OF ABOVE CALCULATIONS =				\$770.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
SUBTOTAL =				\$770.00
<input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d)--\$130.00)				
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h)--\$40.00)				\$40.00
TOTAL FEES DUE =				\$810.00

5. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

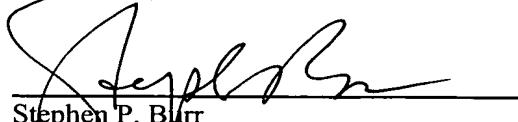
A check in the amount of \$810.00 is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR 1.16.

Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Stephen P. Burr
Reg. No. 32,970

November 21, 2003
Date

SPB/eav

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